

CLIPPEDIMAGE= EP000890614A1  
PUB-NO: EP000890614A1  
DOCUMENT-IDENTIFIER: EP 890614 A1  
TITLE: BIODEGRADABLE CARD BASE

PUBN-DATE: January 13, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
MORIKAWA, AKIRA	JP
OISHI, MAMORU	JP
SAITO, YOSHIKIYO	JP

ASSIGNEE-INFORMATION:

NAME	COUNTRY
GUNZE KK	JP

APPL-NO: EP97907451  
APPL-DATE: March 24, 1997

PRIORITY-DATA: JP09743996A  
JP10615796A  
JP33465996A (March 26, 1996  
April 2, 1996  
November 28, 1996)  
INT-CL\_(IPC): C08L067/04; B32B027/00  
EUR-CL (EPC): C08L067/04; B32B027/36

ABSTRACT:

The present invention provides a card base which is degradable by microbes in natural environment. The card base is excellent in properties necessary for card bases, such as tensile strength, impact strength, flex temperature, heat resistance, resistance to thermal expansion and contraction, blocking resistance and humidity resistance, and has rigidity, bending resistance and durability. The card base contains, as essential components, a 3-hydroxybutylate/3-hydroxyvalerate copolymer and a lactic acid polymer, and, where necessary, a polycaprolactone or a high-molecular aliphatic polyester. The card base has a single-layer structure, or a sandwich structure further having overlay layers comprising a composition containing, as essential components, a lactic acid polymer and either or both of a polycaprolactone and a high-molecular aliphatic polyester.